BACK FOCUS ADJUSTING MECHANISM FOR IMAGING CAMERA

ABSTRACT OF THE DISCLOSURE

A back focus adjusting mechanism for an imaging camera includes a coil spring provided around a cylindrical portion of a lens mount of the camera, an imaging element holder holding an imaging element so that the imaging element is moved along an optical axis of an imaging lens by a guide of the lens mount, an adjusting ring provided with a cam the imaging element holder engages, a positioning holder fixed in the camera housing and positioning the adjusting ring so that the adjusting ring is rotatable around the cylindrical portion of the lens mount, the imaging element holder abutting the cam by rotation of the adjusting ring being moved, a spring member pressing the adjusting ring against the positioning holder and fixed in the camera housing, and a knob member operated outside the camera housing. The adjusting ring is fixed at an adjustment position while being subjected to a pressing force of the spring member by the knob member.